

## ABSTRACT OF THE DISCLOSURE

Disclosed are a communication apparatus and a congestion regulation control method which flexibly and efficiently execute regulation control at the time of congestion, thereby ensuring an improved communication quality. Congestion monitoring means monitors a congestion state, sets a congestion level and determines whether or not to perform regulation based on the congestion level.

10 Traffic measuring means measures the number of received signals as a traffic intensity. Traffic comparison means compares the traffic intensity with a preset traffic-regulation start traffic intensity when it is determined that regulation is to be performed. Regulation control

15 means performs traffic regulation control when a comparison result shows that the traffic intensity is equal to or greater than the traffic-regulation start traffic intensity, and performs regulation control on a maintenance and operation process when the traffic intensity is smaller than

20 the traffic-regulation start traffic intensity.